PATENT COOPERATION TREATY PCT

INTERNATIONALSEARCHREPORT

(PCT Article 18 and Rules 43 and 44)



K.

Applicant's or agent's file reference		FOR FURTHER 9 & ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.						
International application No.		/ U International filing date(day/month/y							
PCT/JP2005/015963		25.08.2005	31.08.2004						
Applicant									
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.									
This inter to Article	rnational search report has been port. 18. A copy is being transmitted	repared by this International Searching A	authority and is transmitted to the applicant according						
This international search report consists of a total of 3 sheets.									
It is also accompanied by a copy of each prior art document cited in this report.									
	the international applica	international search was carried out of the street in the language in which it was file that the street are the street in the street are the street in the street are the s	ed						
of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))									
b. 🗀	b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.								
2.	Certain claims were found u								
3. Unity of invention is lacking (see Box No. III)									
4. With	regard to the title,	•							
V	_								
	the text has been established by this Authority to read as follows:								
5. With reg	gard to the abstract,								
E	the text is approved as submitte								
	may, within one month from the	according to Rule 38.2(b), by this Aut he date of mailing of this international	hority as it appears in Box No. IV. The applicant search report, submit comments to this Authority						
	gard to the drawings,								
a. the fig		lished with the abstract is Figure No	D. 1E (75.12.07)						
	as suggested by the appli		(麻)						
		rity, because the applicant failed to sugg							
b. 🗀	as selected by this Authornone of the figures is to be pub	rity, because this figure better character lished with the abstract	izes the invention						
			05.12.07						

International application No. PCT/JP2005/015963

	servations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international se	arch report has not been established in respect of certain claims under Article 17(2)(a) for the following reason
L. L. Claims No	OS.:
because in	ey relate to subject matter not required to be searched by this Authority, namely:
· -	
2. Claims Nos	n •
because the	ey relate to parts of the international application should
extent that	no meaningful international search can be carried out, specifically:
	•
3. Claims Nos.	·
	y are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Obs	ervations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Internal 10	Continuation of item 3 of first sheet)
The invention	arching Authority found multiple inventions in this international application, as follows:
to be one ano	other only in recognition inventions of claims 2-3,6-10 are linked
using the mas	k to form a comic and the reacure metching the semiconductor film
in a prior art	document JP 2000-066233 A(HITACHI, LTD.), 2000.03.03. So the feature
Therefore th	special technical feature.
technical feat	here are no technical relationship which is considered as "special ture" (PCT rule 13.2) among the claims 1 4-5 11 and 12
So this appli	Cation contains the fall in craft and the claims 2-3, 6-10.
linked as to	form a single inventive concept under PCT rule 13.2.
	the sometime of the 13.2.
Group I:Clair	ms 1.4-5.11
Group I:Clair Group II:Cla	ms 1,4-5,11 ims 2-3,6-10
Group I:Clair Group II:Cla	ms 1,4-5,11 ims 2-3,6-10
Group I:Clain Group II:Cla As all required claims.	ms 1,4-5,11 ims 2-3,6-10 d additional search fees were timely paid by the applicant, this international search report covers all searchable
Group I:Clain Group II:Cla As all required claims.	ms 1,4-5,11 ims 2-3,6-10 d additional search fees were timely paid by the applicant, this international search report covers all searchable
Group I:Clain Group II:Clain I:Clain I	ms 1, 4-5, 11 ims 2-3, 6-10 d additional search fees were timely paid by the applicant, this international search report covers all searchabl able claims could be searched without effort justifying additional fees, this Authority did not invite payment on s.
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INTERN. ONALSEARCHREPORT

International application No.
PCT/JP2005/015963

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A. CLASSIFICATION OF SUBJECT MATTER								
Int.Cl. H01L29/786 (2006.01), H01L51/05 (2006.01)								
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) Int.Cl. 1704 20 (700 (2004))								
H01L29/786 (2006.01), H01L51/05 (2006.01)								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2005 Registered utility model specifications of Japan 1996-2005 Published registered utility model applications of Japan 1994-2005								
Electronic d	ata base consulted during the international search (name o	f data base and, where practica	able, search term	ns used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category*	Citation of document, with indication, where a	appropriate, of the relevant p	oassages	Relevant to claim No.				
Y	JP 07-221367 A(MATSUSHITA CO.,LTD.),1995.08.18, Para	1,4,11						
A	Fig. 3 (family: none)	5						
Y	JP 01-108527 A(FUJITSU LIM	1,4,11						
A	Page 3, lower left column, l (Family: none)	ines 13-19,Fig	g.1(g)	5				
Further documents are listed in the continuation of Box C.								
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "B" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention								
"E" earlier application or patent but published on or after the inter- national filing date "E" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an is cited to establish the publication date of another citation or other								
Special re O" documen means	e claimed invention cannot step when the document is er such documents, such							
than the priority date claimed "&" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family								
Date of the actual completion of the international search Date of mailing of the international search report								
25.11.2005 06.12.2005								
Name and ma	4L 9361							
Japan Patent Office		KAZUNARI TANADA 4L 9361						
-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Telephone No. +81-3-3581-1101 Ext. 3498						